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| 1. Fig 1S. XIC chromatogram and MS2 spectrum of **Myricetin** peak No (1) |

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| 1. Fig 2S. XIC chromatogram and MS2 spectrum of **5,7,4′-Trihydroxy-3′-methoxy-flavonol** peak No (2) |

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| 1. Fig 3S. XIC chromatogram and MS2 spectrum of **Quercetin** peak No (3) |

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| 1. Fig 4S. XIC chromatogram and MS2 spectrum of **3,5,7-Trihydroxy-4′-methoxyflavone** peak No (4) |

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| 1. Fig 5S. XIC chromatogram and MS2 spectrum of **(+)-3, 5,7,3',4'-Pentahydroxyflavan** peak No (5) |

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| 1. Fig 6S. XIC chromatogram and MS2 spectrum of **Naringenin** peak No (6) |

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| 1. Fig 7S. XIC chromatogram and MS2 spectrum of Apigenin Peak No (7) |

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| 1. Fig 8S. XIC chromatogram and MS2 spectrum of Luteolin Peak No (8) |

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| 1. Fig 9S. XIC chromatogram and MS2 spectrum of Catechin Peak No (9) |

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| 1. Fig 10S. XIC chromatogram and MS2 spectrum of Procyanidin B2 Peak No (10) |

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| 1. Fig 11S. XIC chromatogram and MS2 spectrum of **Neohesperidin dihydrochalcone** Peak No (11) |

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| 1. Fig 12S. XIC chromatogram and MS2 spectrum of **Okanin 4'-*O*-glucoside** Peak No (12) |

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| 1. Fig 13S. XIC chromatogram and MS2 spectrum of **Quercetin 4'-glucoside** Peak No (13) |

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| 1. Fig 14S. XIC chromatogram and MS2 spectrum of **Acacetin 7-*O*-rutinoside** Peak No (14) |

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| 1. Fig 15S. XIC chromatogram and MS2 spectrum of **Eriodictyol 7-*O*-glucoside** Peak No (15) |

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| 1. Fig 16S. XIC chromatogram and MS2 spectrum of **Baicalein 7-*O*-glucuronide** Peak No (16) |

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| 1. Fig 17S. XIC chromatogram and MS2 spectrum of **Luteolin 7,3'-di-*O*-glucoside** Peak No (17) |

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| 1. Fig 18S. XIC chromatogram and MS2 spectrum of Rhoifolin Peak No (18) |

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| 1. Fig 19S. XIC chromatogram and MS2 spectrum of **Isosakuranetin 7-*O-*neohesperidoside** Peak No (19) |

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| 1. Fig 20S. XIC chromatogram and MS2 spectrum of **Eriodyctiol 7-*O*-neohesperidoside** Peak No (20) |

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| 1. Fig 21S. XIC chromatogram and MS2 spectrum of **Naringenin 7-*O*-glucoside** Peak No (21) |

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| 1. Fig 22S. XIC chromatogram and MS2 spectrum of **Kaempferol 7-neohesperidoside** Peak No (22) |

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| 1. Fig 23S. XIC chromatogram and MS2 spectrum of Myricitrin Peak No (23) |

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| 1. Fig 24S. XIC chromatogram and MS2 spectrum of **Quercetin 3,4'-*O*-di-β-glucopyranoside** Peak No (24) |

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| 1. Fig 25S. XIC chromatogram and MS2 spectrum of **Kaempferol 3*-O*-(6-p-coumaroyl)-glucoside** Peak No (25) |

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| 1. Fig 26S. XIC chromatogram and MS2 spectrum of **Quercitrin** Peak No (26) |

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| 1. Fig 27S. XIC chromatogram and MS2 spectrum of **Kaempferol 3-*O-*α-L-rhamnoside** Peak No (27) |

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| 1. Fig 28S. XIC chromatogram and MS2 spectrum of **Kaempferol 3-glucuronide** Peak No (28) |

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| 1. Fig 29S. XIC chromatogram and MS2 spectrum of **Isorhamnetin 3-*O*-rutinoside** Peak No (29) |

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| 1. Fig 30S. XIC chromatogram and MS2 spectrum of **Quercetin 3-D-xyloside** Peak No (30) |

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| 1. Fig 31S. XIC chromatogram and MS2 spectrum of **Isorhamnetin 3-*O*-glucoside** Peak No (31) |

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| 1. Fig 32S. XIC chromatogram and MS2 spectrum of **Daidzein 8-*C*-glucoside** Peak No (32) |

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| 1. Fig 33S. XIC chromatogram and MS2 spectrum of Delphinidin-3-*O*-(6''-O-α-rhamnopyranosyl-β-glucopyranoside Peak No (33) |

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| 1. Fig 34S. XIC chromatogram and MS2 spectrum of Peak No 3,4-Dihydroxybenzoic acid (34) |

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| 1. Fig 35S. XIC chromatogram and MS2 spectrum of Chlorogenic acid Peak No (35) |

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| 1. Fig 36S. XIC chromatogram and MS2 spectrum of Homogenentisic acid Peak No (36) |

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| 1. Fig 37S. XIC chromatogram and MS2 spectrum of Rosmarinic acid Peak No (37) |

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| 1. Fig 38S. XIC chromatogram and MS2 spectrum of *p*-Hydroxybenzoic acid Peak No (38) |

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| 1. Fig 39S. XIC chromatogram and MS2 spectrum of 5-Methoxysalicylic acid Peak No (39) |

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| 1. Fig 40S. XIC chromatogram and MS2 spectrum of 3-(4-Hydroxyphenyl)prop-2-enoic acid Peak No (40) |

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| 1. Fig 41S. XIC chromatogram and MS2 spectrum of **3,4-Dihydroxymandelic acid** Peak No (41) |

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| 1. Fig 21S. XIC chromatogram and MS2 spectrum of Caffeic acidPeak No (42) |

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| 1. Fig 43S. XIC chromatogram and MS2 spectrum of Sinapyl aldehyde Peak No (43) |

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| 1. Fig 44S. XIC chromatogram and MS2 spectrum of 1-*O*-β-D-Glucopyranosyl sinapate Peak No (44) |

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| 1. Fig 45S. XIC chromatogram and MS2 spectrum of Scopoletin Peak No (45) |

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| 1. Fig 46S. XIC chromatogram and MS2 spectrum of 6,7-Dihydroxycoumarin (Esculetin) Peak No (46) |

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| 1. Fig 47S. XIC chromatogram and MS2 spectrum of Esculin Peak No (47) |

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| 1. Fig 48S. XIC chromatogram and MS2 spectrum of 3-Hydroxy-3-methylglutaric acid Peak No (48) |

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| 1. Fig 49S. XIC chromatogram and MS2 spectrum of D-(+)-Malic acid Peak No (49) |

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| 1. Fig 50S. XIC chromatogram and MS2 spectrum of Mucic acid Peak No (50) |

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| 1. Fig 51S. XIC chromatogram and MS2 spectrum of **D-(-)-Quinic acid** Peak No (51) |

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| 1. Fig 52S. XIC chromatogram and MS2 spectrum of **D-3-Phenyllactic acid** Peak No (52) |

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| 1. Fig 53S. XIC chromatogram and MS2 spectrum of **Hydroxy butyric acid** Peak No (53) |

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| 1. Fig 54S. XIC chromatogram and MS2 spectrum of Citramalic acid Peak No (54) |

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| 1. Fig 55S. XIC chromatogram and MS2 spectrum of **D-(+)-Galacturonic acid** Peak No (55) |

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| 1. Fig 56S. XIC chromatogram and MS2 spectrum of 2-Isopropylmalic acid Peak No (56) |

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| 1. Fig 57S. XIC chromatogram and MS2 spectrum of Isocitric acid Peak No (57) |

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| 1. Fig 58S. XIC chromatogram and MS2 spectrum of 4-Pyridoxic acid Peak No (58) |

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| 1. Fig 59S. XIC chromatogram and MS2 spectrum of Suberic acid Peak No (59) |

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| 1. Fig 60S. XIC chromatogram and MS2 spectrum of Cholic acid Peak No (60) |

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| 1. Fig 61S. XIC chromatogram and MS2 spectrum of Inosine-5'-monophosphate Peak No (61) |

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| 1. Fig 62S. XIC chromatogram and MS2 spectrum of Thymidine-5'-monophosphate Peak No (62) |

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| 1. Fig 63S. XIC chromatogram and MS2 spectrum of Thymidine Peak No (63) |

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| 1. Fig 64S. XIC chromatogram and MS2 spectrum of Xanthosine-5'-monophosphate Peak No (64) |

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| 1. Fig 65S. XIC chromatogram and MS2 spectrum of Uridine Peak No (65) |

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| 1. Fig 66S. XIC chromatogram and MS2 spectrum of Adenine Peak No (66) |

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| 1. Fig 67S. XIC chromatogram and MS2 spectrum of UDP-β-L-rhamnose Peak No (67) |

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| 1. Fig 68S. XIC chromatogram and MS2 spectrum of 2'-Deoxyuridine-5'-triphosphate sodium salt Peak No (68) |

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| 1. Fig 69S. XIC chromatogram and MS2 spectrum of 2'-Deoxyuridine-5'-monophosphate Peak No (69) |

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| 1. Fig 70S. XIC chromatogram and MS2 spectrum of 2'-Deoxyuridine Peak No (70) |

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| 1. Fig 71S. XIC chromatogram and MS2 spectrum of UDP-xylose Peak No (71) |

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| 1. Fig 72S. XIC chromatogram and MS2 spectrum of Guanosine-5'-diphosphoglucose sodium salt Peak No (72) |

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| 1. Fig 73S. XIC chromatogram and MS2 spectrum of Isopentenyladenine Peak No (73) |

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| 1. Fig 74S. XIC chromatogram and MS2 spectrum of Uridine 5'-diphosphoglucuronic acid Peak No (74) |

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| 1. Fig 75S. XIC chromatogram and MS2 spectrum of Riboflavin 5′-monophosphate sodium salt hydrate Peak No (75) |

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| 1. Fig 76S. XIC chromatogram and MS2 spectrum of Oxypurinol Peak No (76) |

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| 1. Fig 77S. XIC chromatogram and MS2 spectrum of Cytidine-3',5'-cyclicmonophosphate Peak No (77) |

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| 1. Fig 78S. XIC chromatogram and MS2 spectrum of N-Acetylaspartic acid Peak No (78) |

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| 1. Fig 79S. XIC chromatogram and MS2 spectrum of **DL-Threo-β-methylaspartic** acid Peak No (79) |

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| 1. Fig 80S. XIC chromatogram and MS2 spectrum of L-β-Homoisoleucine acid Peak No (80) |

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| 1. Fig 81S. XIC chromatogram and MS2 spectrum of carnosine Peak No (81) |

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| 1. Fig 82S. XIC chromatogram and MS2 spectrum of Ketoisoleucine Peak No (82) |

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| 1. Fig 83S. XIC chromatogram and MS2 spectrum of L-5-Oxoproline Peak No (83) |

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| 1. Fig 84S. XIC chromatogram and MS2 spectrum of Galactitol Peak No (84) |

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| 1. Fig 85S. XIC chromatogram and MS2 spectrum of D-(+)-Galactose Peak No (85) |

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| 1. Fig 86S. XIC chromatogram and MS2 spectrum of Sucrose Peak No (86) |

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| 1. Fig 87S. XIC chromatogram and MS2 spectrum of α-L-(-)-Fucose 1-phosphate bis(cyclohexylammonium) salt Peak No (87) |

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| 1. Fig 88S. XIC chromatogram and MS2 spectrum of 2-Propenyl glucosinolate Peak No (88) |

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| 1. Fig 89S. XIC chromatogram and MS2 spectrum of Sorbitol 6-phosphate Peak No (89) |

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| 1. Fig 90S. XIC chromatogram and MS2 spectrum of Gluconic acid Peak No (90) |

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| 1. Fig 91S. XIC chromatogram and MS2 spectrum of D-(+)-Trehalose Peak No (91) |

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| 1. Fig 92S. XIC chromatogram and MS2 spectrum of *E*-3,4,5'-Trihydroxy-3'-glucopyranosylstilbene Peak No (92) |

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| 1. Fig 93S. XIC chromatogram and MS2 spectrum of Sodium deoxycholate Peak No (93) |

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| 1. Fig 94S. XIC chromatogram and MS2 spectrum of 1-Myristoyl-2-hydroxy-sn-glycero-3-phosphate Peak No (94) |

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| 1. Fig 95S. XIC chromatogram and MS2 spectrum of γ-Terpinene Peak No (95) |

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| 1. Fig 96S. XIC chromatogram and MS2 spectrum of *p*-Nitrophenol Peak No (96) |

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| 1. Fig 97S. XIC chromatogram and MS2 spectrum of Nystose Peak No (97) |

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| 1. Fig 98S. XIC chromatogram and MS2 spectrum of **Gibberelin A3** Peak No (98) |

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| 1. Fig 99S. XIC chromatogram and MS2 spectrum of Etidronic acid Peak No (99) |